

ECS Configuration Change Request

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Page(s)

1. Originator Cherry Kenney	2. Log Date: 02/24/03	3. CCR #: 03-0122	4. Rev: -	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: TE_DMS_REG.01						
9. Originator Signature/Date Cherry Kenney /s/ 02/24/03			10. Class II	11. Type: CCR	12. Need Date: 24Feb03	
13. Office Manager Signature/Date Louis Swentek /s/ 02/24/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:DMS, CSS	
19. Release Affected by this Change: 6A		20. Date due to Customer: 24Feb03		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 36820 , 36616 , 33554						
23. Problem: (use additional Sheets if necessary) This TE delivers a DMS fix for failed spatial requests, NCR 36820, SEV 2 and a DMS fix for External Subsetter not communicating with the HSA subsetter software, NCR36616, SEV 2. Also included is a Registry fix for intermittent server start failure due to empty result list, NCR33554, SEV2.						
24. Proposed Solution: (use additional sheets if necessary) Deliver TE_6A.07_DMS_REG.01 to all DACCs. This TE must be installed on top of 6A.07 Delivery. The TE supersedes DMS.04.						
25. Alternate Solution: (use additional sheets if necessary) There is no alternate solution for NCR36820. For NCR36616, the alternate solution is to turn the OrderManagerStatus option to "OFF" in the VotoECSSGateway. For NCR33554, continue bring up the servers that do not come up during mode startup manually.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) For NCR36820, spatial requests will continue to fail. For NCR36616, if Order ManagerStatus option is turned to "On" in the V0toECSSGateway, user would not be able to communicate with the Subsetter software. For NCR33554, the impact is minimal since the servers can be successfully started by repeating the start script until it comes up.						
27. Justification for Emergency (If Block 15 is "Emergency"): For NCR36820, NSIDC requested fix. For NCR36616, fix is needed at NSIDC because they anticipate going live with HSA in the next 3 -4 weeks. For NCR33554, in 6A07 delivery the precision of the NodeID and ParentNodeID in the Node table of the RegistryDB was changed. Due to the increase, Registry code was modified.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Mary S. Armstrong /s/ 2/24/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 2/24/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 03-0122 **Rev:** - **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: TE_DMS_REG.01

Actions

ClearCase Group(CSG):

Please make a tar file from the 6A07EBF1 baseline

Please make a SOL8 tar file with the following files:

/ecs/formal/DM/bin/sun5.8/EcDmV0ToEcsGateway

Please make a SOL8 tar file with the following package:

.EcCsRegistryPopTool.pkg

Please make an IRIX65 tar file with the following packages:

.EcCsRegistry.pkg

.EcCsRegistryPopTool.pkg

TE Dependencies.

This TE must be installed on top of 6A.07 Delivery. The TE supersedes TE_6A.07_DMS.04.

DAAC Install Instructions

Note -- The Population Tool is being delivered because a fix that was merged for NCR 33554 also fixed a problem that can intermittently happen when you create new .CFG files and try to use the EcCoPopulateRegistry command to load the .CFG file into the Registry.

Also changes that were made for 33554 affected Registry Client Code that is only used by the V0 Gateway (for Processing Options). Therefore we must deliver the V0 Gateway and the Registry together and they must be installed together or the Registry and the V0 Gateway may not function properly.

1. Using the tar command untar the SOL8 tar file that contains the V0Gateway in a <staging_area>/SOL8 directory
2. Using the *Setup.ksh file untar the SOL8 tar file that contains the .EcCsRegistryPopTool.pkg in the same <staging_area>/SOL8 directory
3. Using the *Setup.ksh file untar the IRIX65 tar file in the <staging_area>/IRIX65 directory.
4. Kill the Registry Server and the V0ToEcsGateway
5. On any SUN in the system bring up E.A.S.I
Install the EcCsRegistryPopTool.pkg on all hosts (SOL8 and IRIX65)
Install the EcCsRegistry.pkg on the xxicgnn host
6. Logon to the xxins02 host (where EcDmV0ToEcsGateway is installed)

```
cp <staging_area>/SOL8/EcDmV0ToEcsGateway  
/usr/ecs/<MODE>/CUSTOM/bin/DMS/  
chmod 755 /usr/ecs/<MODE>/CUSTOM/bin/DMS/EcDmV0ToEcsGateway
```

7. Bring up the Registry Server on xxicgmn
Bring up the V0 Gateway on xxins02.